

## ABSTRACT OF THE DISCLOSURE

- A current sensor 8a detects a motor current of a steering motor 5 which supplies a steering mechanism 1 with steering force corresponding to the steering amount applied to a steering wheel 2.
- 5 A main controller 4 extracts component within a predetermined frequency range out of a motor current detected by the current sensor 8a, amplifies the extracted component and drives a reaction force motor 3 in a controlled manner so as to supply the steering wheel 2 with steering reaction force corresponding to the steering
- 10 amount applied to the steering wheel 2 and steering reaction force corresponding to a current of the component, which has been extracted and amplified. The vehicle steering apparatus constructed as above can supply steering means with steering reaction force corresponding to component within a predetermined
- 15 frequency range of a motor current of the steering motor.